

FORM PTO-1449		DOCKET NUMBER FGT 223	APPLICATION NUMBER
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT(S)	
		FILING DATE	GROUP ART UNIT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
K	4,779,528	10-25-88	Bruke	—	—	
	4,926,823	5-22-90	Kishi et al	—	—	
	4,965,741	10-16-90	Cook et al	—	—	
	5,236,332	8-17-93	Satou et al	—	—	
	5,280,770	1-25-94	Satou et al	—	—	
	5,422,811	6-6-95	Togai	—	—	
	5,515,828	5-14-96	Cook et al	—	—	
	5,548,514	8-20-96	Hasegawa et al	—	—	
	5,600,056	2-4-97	Hasegawa et al	—	—	
	5,647,312	7-15-97	Salber et al	—	—	
AC	5,669,341	9-23-97	Ushirono et al	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO
K	S55-49549	4-10-80	JP	—	—		
K	S55-29002	3-1-80	JP	—	—		
K	1 054 148	5-18-00	EP	—	—		

OTHER DOCUMENTS

K	RONALD J. PIERIK et al, "Design and Development of a Mechanical Variable Valve Actuation System", SAE Technical Paper No. 2001-01-1221, March 6-9, 2000, pp. 1-8
AC	MARTIN PISCHINGER et al, "Benefits of the Electromechanical Valve Train in Vehicle Operation", SAE Technical Paper No. 2000-01-1223, March 6-9, 2000, pp. 1-11
K	M.J. VAN NIEUWSTADT et al, "Air Change Estimation in Camless Engines", SAE Technical Paper No. 2001-01-0581, March 5-8, 2001, pp. 1-8

EXAMINER

DATE CONSIDERED

11-19-2004

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>AC</i>	5,678,402	10-21-97	Kitagawa et al	—	—	
	5,743,221	4-28-98	Schmitz	—	—	
	5,746,183	5-5-98	Parke et al	—	—	
	5,765,514	6-16-98	Sono et al	—	—	
	5,950,603	9-14-99	Cook et al	—	—	
	6,000,376	12-14-99	Hess et al	—	—	
	6,023,929	2-15-00	Ma	—	—	
	6,039,026	5-21-00	Shiraishi et al	—	—	
	6,098,585	8-8-00	Brehob et al	—	—	
	6,116,210	9-12-00	Oder et al	—	—	
<i>AC</i>	6,138,636	10-31-00	Kohno et al	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
<i>AC</i>	LUCIEN KOOPMANS et al, "A four Stroke Camless Engine, Operated in Homogeneous Charge Compression Ignition Mode with Commercial Gasoline", SAE Technical Paper No. 2001-01-3610, September 24-27, 2001, pp. 1-14					
<i>AC</i>	WOLFGANG SALBER et al, "Synergies of Variable Valve Actuation and Direct Injection", SAE Technical Paper No. 2002-01-0706, March 4-7, 2002, pp. 1-9					
<i>AC</i>	"Operation of the Electronic Valve Actuation, Ford EVA Project Closed Loop Engine, System Control", Manual - Preliminary Version III, March 21, 2003, and in particular pp. 6, 72, 80-84, 89-95, 104-119, and 134-218					
EXAMINER	<i>Audubette</i>		DATE CONSIDERED		11-14-2004	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
AC	6,219,611	4-17-01	Russell	—	—	
	6,247,445	6-19-01	Langer	—	—	
	6,276,316	8-21-01	Arai et al	—	—	
	6,332,446	12-25-01	Matsumoto et al	—	—	
	6,336,355	1-8-02	Sasaki et al	—	—	
	6,341,584	1-29-02	Itoyama et al	—	—	
	6,349,541	2-26-02	Gruden et al	—	—	
	6,374,813	4-23-02	Iida et al	—	—	
	6,386,156	5-14-02	Stockhausen et al	—	—	
	6,390,063	5-21-02	Obata et al	—	—	
AC	6,408,806	6-25-02	Sugiyama et al	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

OTHER DOCUMENTS

EXAMINER <i>Dallalto</i>	DATE CONSIDERED 11-14-2004
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>re</i>	2002/0096139	7-25-02	Zheng	—	—	
<i>j</i>	6,425,369	7-30-02	Arai et al	—	—	
	6,431,129	8-13-02	Hammoud et al	—	—	
	6,431,130	8-13-02	Leone et al	—	—	
	6,443,108	9-3-02	Brehob et al	—	—	
	6,453,662	9-24-02	Lewis et al	—	—	
	6,453,665	9-24-02	Bower Jr. et al	—	—	
	6,457,465	10-1-02	Lee	—	—	
	6,474,303	11-5-02	Leone et al	—	—	
	6,311,667	11-6-02	Satou et al	—	—	
<i>re</i>	6,481,201	11-19-02	Kako et al	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DA633635STE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

OTHER DOCUMENTS

EXAMINER	DATE CONSIDERED
<i>Arullo</i>	11-19-2004

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		APPLICANT(S)				
		FILING DATE	GROUP ART UNIT			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME			
<i>AC</i>	6,484,677	11-26-02	Leone et al			
	6,470,853	11-29-02	Leone et al			
	6,497,093	12-24-02	Lewis et al			
	6,502,389	1-7-03	Katayama et al			
	2003/0015026	1-23-03	Chung			
	6,513,493	2-4-03	Robichaux et al			
	6,532,944	3-18-03	Leone et al			
	6,550,434	4-22-03	Leone et al			
	6,557,505	5-6-03	Hori			
	6,568,177	5-27-03	Surnilla			
<i>AC</i>	6,591,605	7-15-03	Lewis			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DA633635STE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	<i>Chung</i>			DATE CONSIDERED	10-19-2004	

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		APPLICANT(S)				
		FILING DATE	GROUP ART UNIT			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>M</i>	6,619,262	9-16-03	Graf et al	—	—	
<i>A</i>	6,629,409	10-7-03	Lewis et al	—	—	
<i>M</i>	6,640,756	11-4-03	Ogiso	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DA633635STE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER <i>Arulko</i>	DATE CONSIDERED			11-14-2004		

PTO/SB/08-1 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Supplements for form 1449A/ETD

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known

Application Number	10/805637
Filing Date	03/19/2004
First Named Inventor	Lewis
Art Unit	
Examiner Name	
Attorney Docket Number	81100593

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ Number ⁴ Kind Code ⁵ (If Known)				

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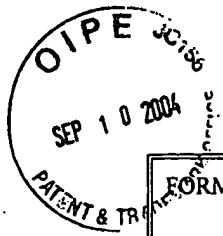
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SHEET 1 OF 1

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER 81100593	APPLICATION NUMBER 10/805,637			
		APPLICANT(S) Donald J. Lewis et al				
		FILING DATE March 19, 2004	GROUP ART UNIT			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>AC</i>	6,389,806	5-21-02	Glugla et al	—	—	
<i>AC</i>	6,415,601	7-9-02	Glugla et al	—	—	
<i>AC</i>	6,553,961	4-29-03	Hammoud et al	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER <i>Donald J. Lewis</i>	DATE CONSIDERED 11-14-2004					

SHEET 1 OF 2

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER 81100593	APPLICATION NUMBER 10/805,637
		APPLICANT(S) Lewis et al.	
		FILING DATE March 19, 2004	GROUP ART UNIT

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
bc	10/805,651	3-19-2004	Lewis et al.	—	—	
	10/805,645	3-19-2004	Lewis et al.	—	—	
	10/805,648	3-19-2004	Lewis et al.	—	—	
	10/805,654	3-19-2004	Lewis et al.	—	—	
	10/805,642	3-19-2004	Lewis et al.	—	—	
	10/805,607	3-19-2004	Lewis et al.	—	—	
	10/805,573	3-19-2004	Lewis et al.	—	—	
	10/805,635	3-19-2004	Lewis et al.	—	—	
	10/805,615	3-19-2004	Michelini et al.	—	—	
	10/805,626	3-19-2004	Gibson et al.	—	—	
	10/805,644	3-19-2004	Winstead et al.	—	—	
	10/805,612	3-19-2004	Lewis et al.	—	—	
	10/805,606	3-19-2004	Lewis et al.	—	—	
	10/805,638	3-19-2004	Lewis et al.	—	—	
bc	10/805,636	3-19-2004	Lewis et al.	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

OTHER DOCUMENTS

EXAMINER	DATE CONSIDERED
<i>Calvert</i>	11-14-04

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER 81100593	APPLICATION NUMBER 10/805,637			
		APPLICANT(S) Lewis et al.				
		FILING DATE March 19, 2004	GROUP ART UNIT			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL DATE IF APPROP.
<i>AC</i>	10/805,639	3-19-2004	Lewis et al.	—	—	
<i>/</i>	10/805,657	3-19-2004	Lewis et al.	—	—	
<i>/</i>	10/805,625	3-19-2004	Lewis et al.	—	—	
<i>/</i>	10/805,613	3-19-2004	Lewis	—	—	
<i>/</i>	10/805,575	3-19-2004	Lewis et al.	—	—	
<i>AC</i>	10/805,611	3-19-2004	Michelini et al.	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER <i>Chalifus</i>	DATE CONSIDERED <i>11-14-04</i>					